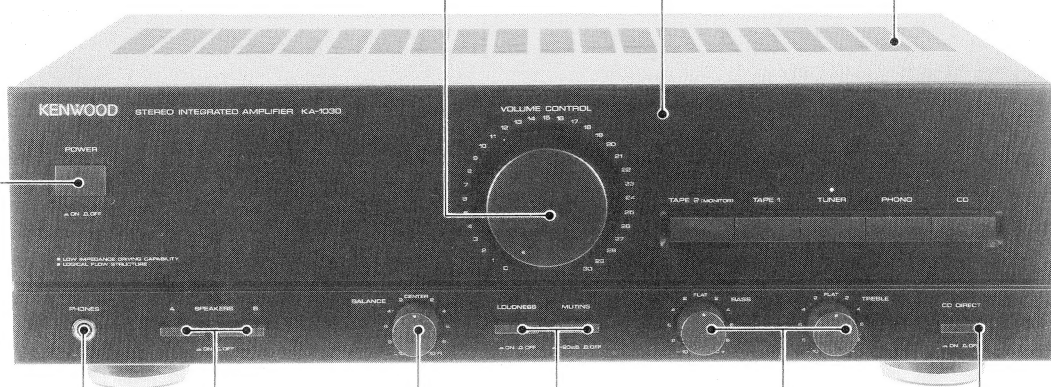


Knob (POWER)  
(K27-2004-04)

Knob (VOLUME)  
(K29-4107-04)

Panel  
(A60-0025-02)

Metallic cabinet  
(A01-1913-01)



Phone jack  
(E11-0189-05)

Knob (SPEAKERS)  
(K27-2014-04)

Knob (BALANCE)  
(K29-3909-04)

Knob  
(K27-2017-04)

Knob (BASS, TREBLE)  
(K29-3909-04)

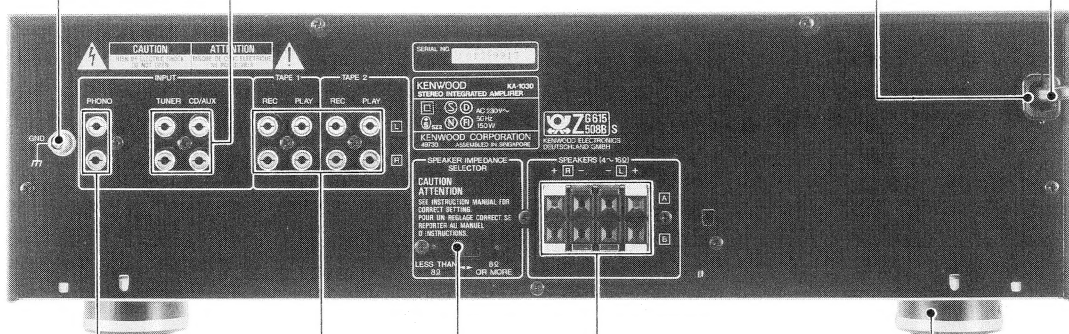
Knob  
(K27-2017-04)

Binding post  
(N08-0128-35)

Phono jack (4P)  
(E13-0486-05)

Power cord bushing  
(J42-0083-05)

AC power cord\*  
(E30-)



Phono jack (2P)  
(E13-0250-05)

Phono jack (8P)  
(E13-0826-05)

Slide switch  
(S31-2136-05)

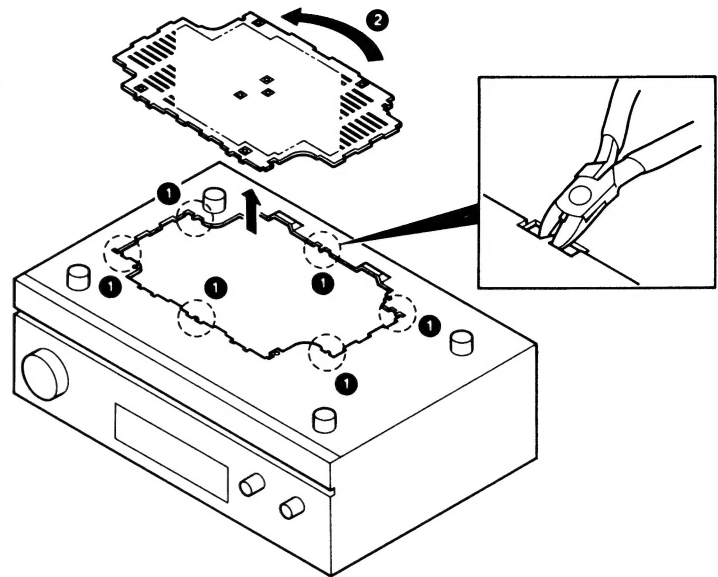
Lock terminal board  
(E20-0823-05)

Foot  
(J02-1034-05) × 4

## DISASSEMBLY FOR REPAIR

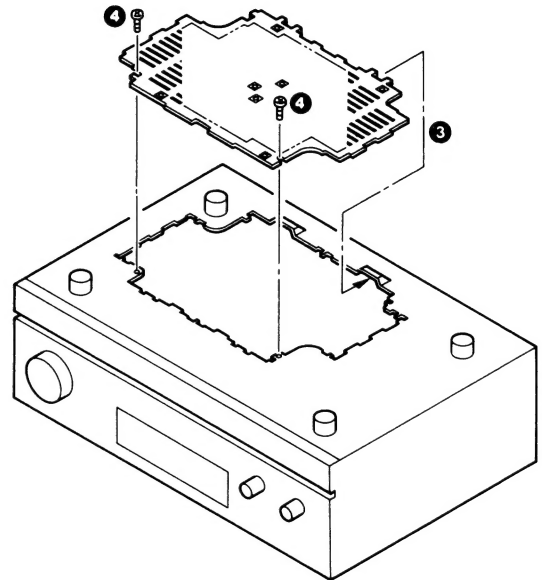
### How to remove the repairing chassis

- 1 Cut the 6 parts ❶ of the repairing chassis. Remove the repairing chassis from main chassis.



### After repair

- 2 Turn the repairing chassis 180 degrees in the arrow direction ❷.
- 3 Insert the 2 claws ❸ into main chassis.
- 4 Lock to the main chassis by 2 screws (M3 × 6) ❹.



## ADJUSTMENT/REGLAGE/ABGLEICH

## ADJUSTMENT

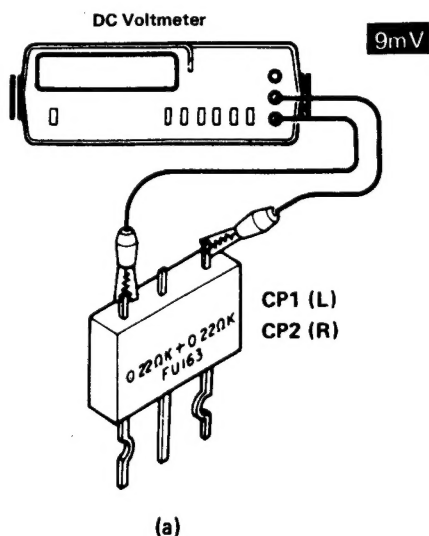
No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	AMPLIFIER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
Set the controls and switches as follows: POWER: ON SPEAKER: B							
1	IDLE CURRENT	—	Connect a DC voltmeter across CP1 (L) CP2 (R)	VOLUME: 0	VR1 (L) VR2 (R)	9mV	(a)

## REGLAGES

N°	ITEM	REGLAGE DE L'ENTREE	REGLAGE DE LA SORTIE	REGLAGE DE L'AMPLIFICATEUR	POINTS L'ALIGNEMENT	ALIGNER POUR	FIG.
Régler les controles et les boutons comme suit: POWER: ON SPEAKER: B							
1	COURANT DE POLARISATION	—	Connecter un voltmètre de CC sur CP1 (G) CP2 (D)	VOLUME: 0	VR1 (G) VR2 (D)	9mV	(a)

## ABGLEICH

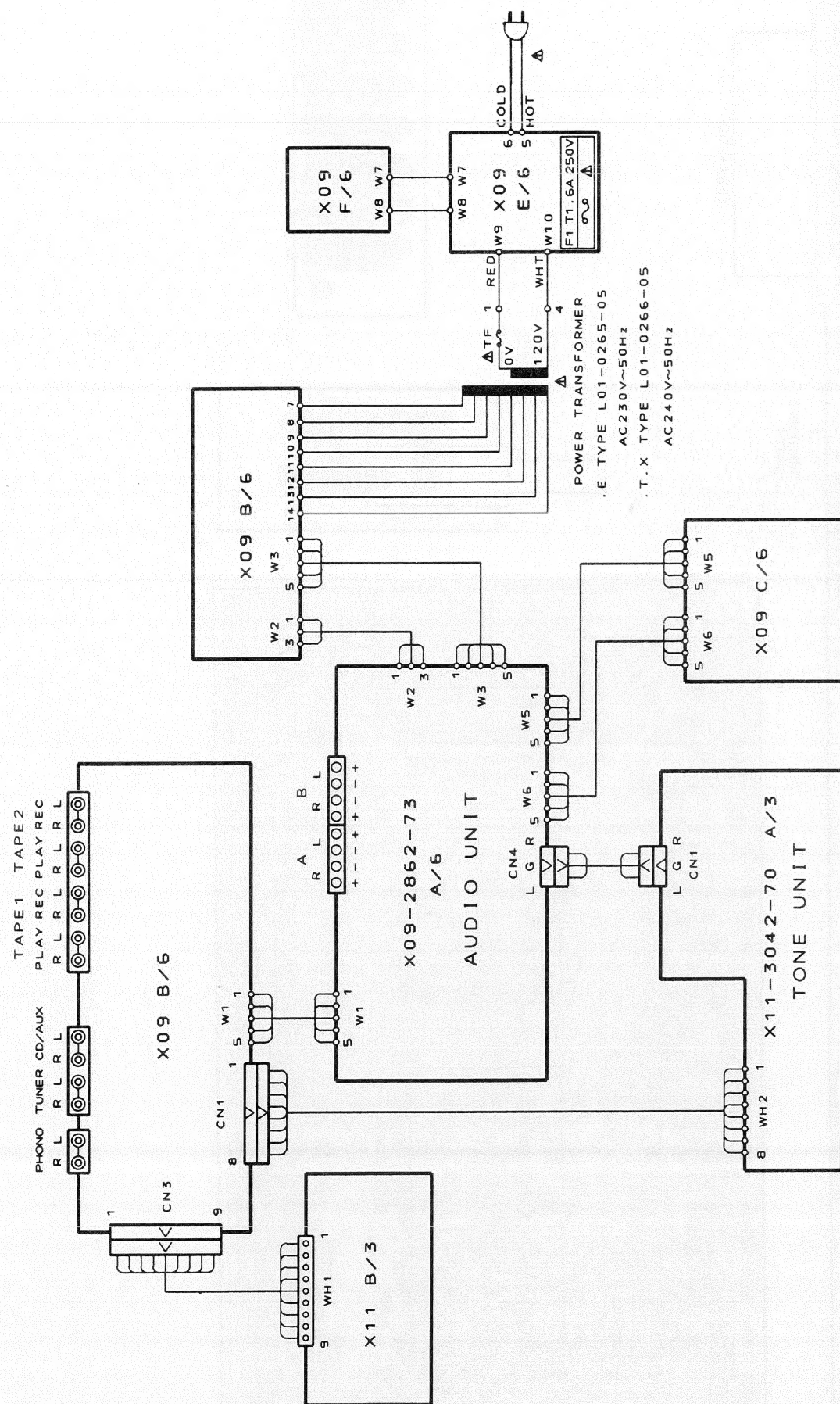
NR.	GEGENSTAND	EINGANGS-EINSTELLUNG	AUSGANGS-EINSTELLUNG	VORSTÄRKER EINSTELLUNG	ABGLEICH-PUNKTE	ABGLEICHEN FÜR	ABB.
Die Regler und Knöpfe wird folgt einstellen: POWER: ON SPEAKER: B							
1	LEERLAUFSTROM	—	Einen Gleichspannungsmesser über CP1 (L) CP2 (R) anschließen	VOLUME: 0	VR1 (L) VR2 (R)	9mV	(a)





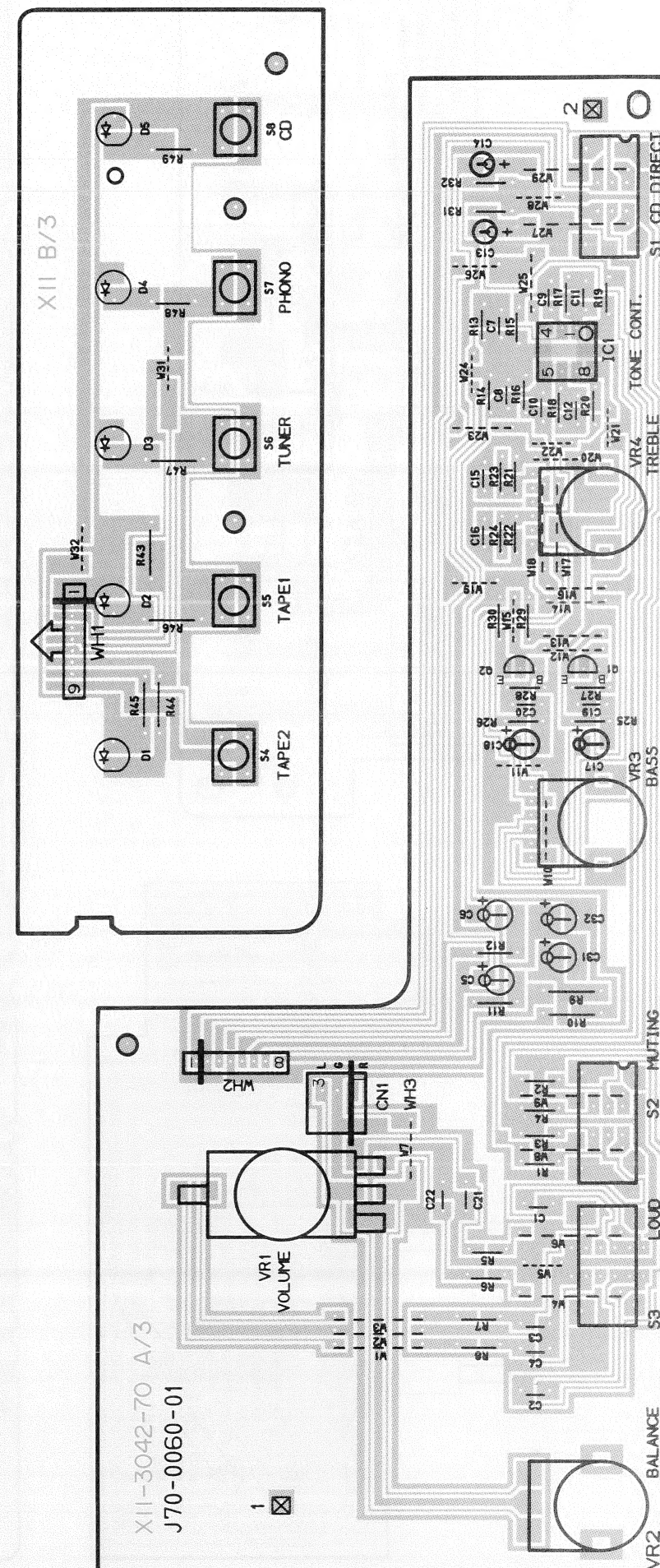
# KA-1030

## WIRING DIAGRAM



## PC BOARD (Component Side View)

### STONE UNIT

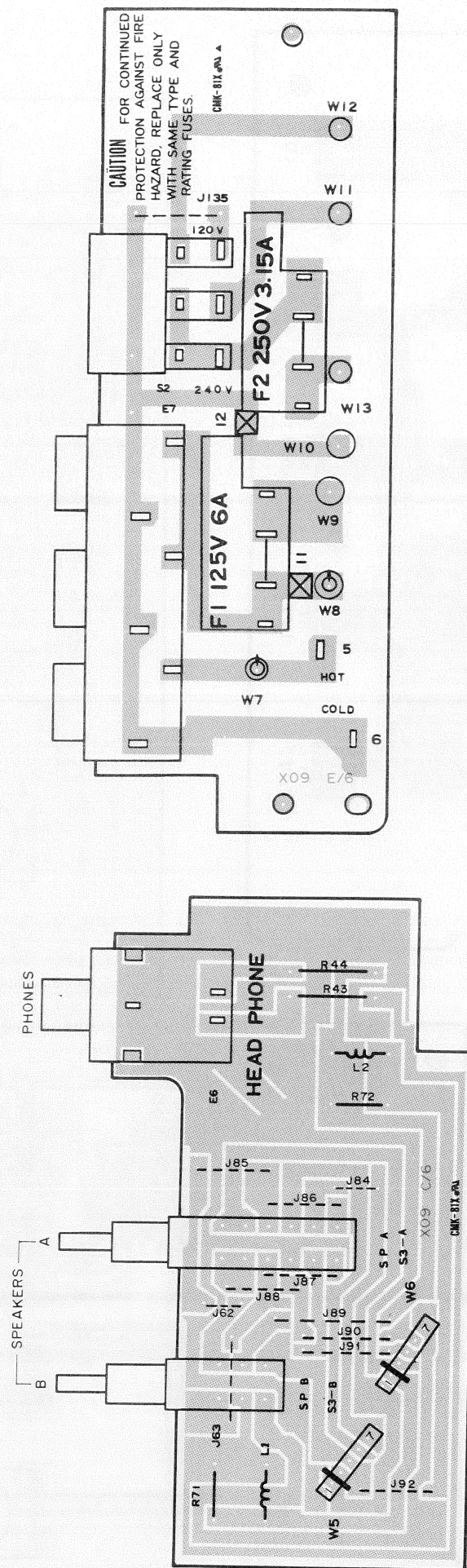


Refer to the schematic diagram for the values of resistors and capacitors.

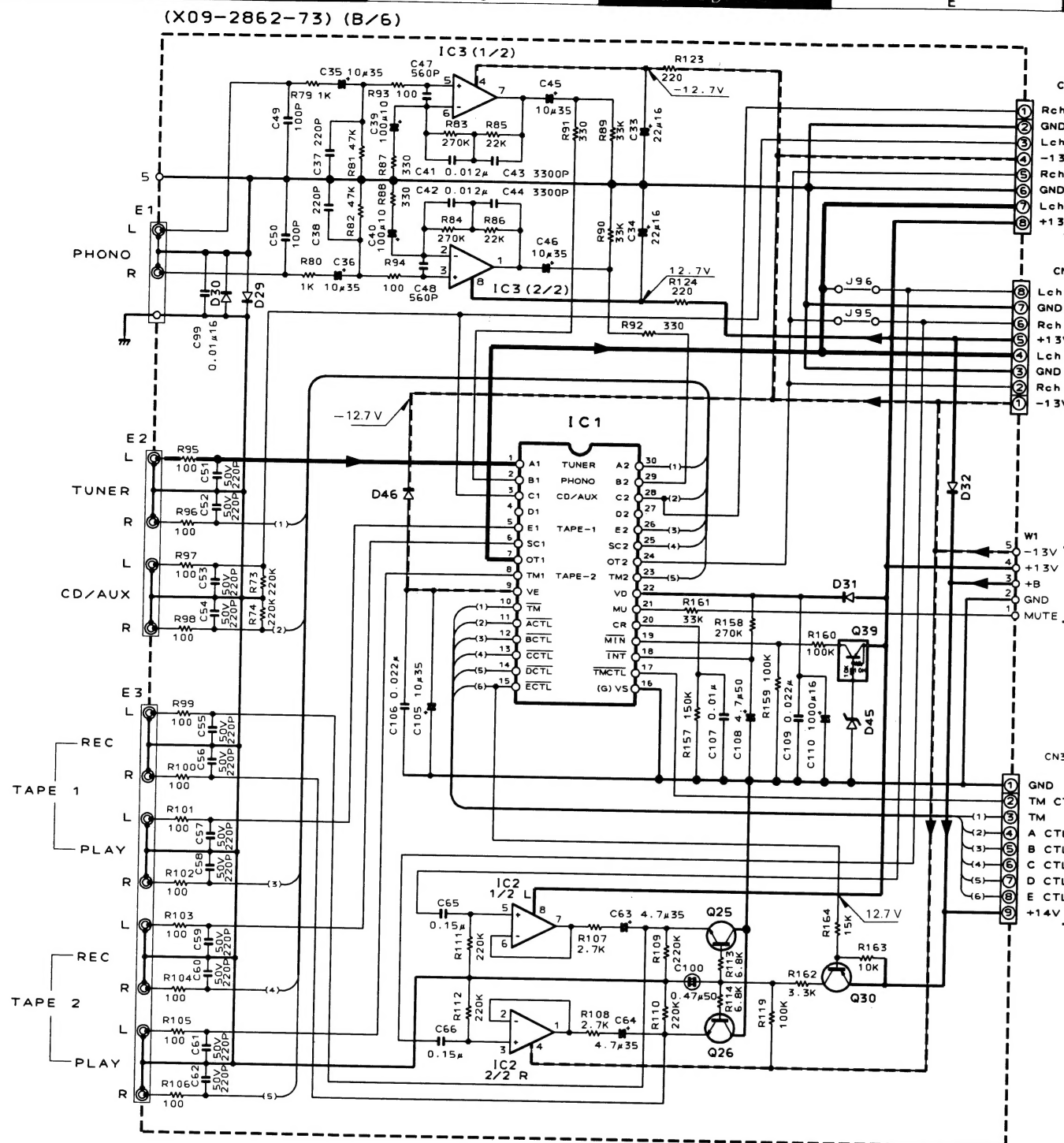


# PC BOARD (Foil Side View)

## AUDIO UNIT

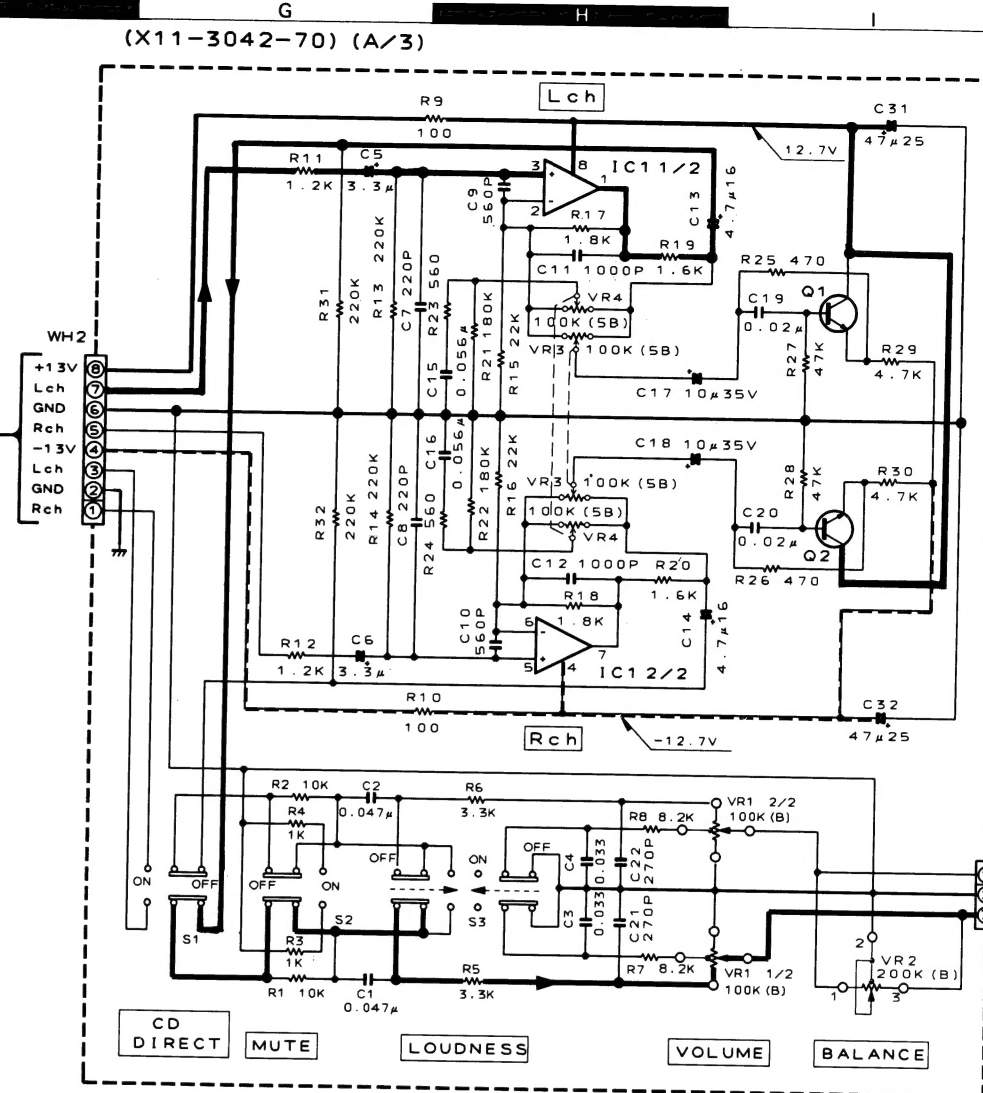




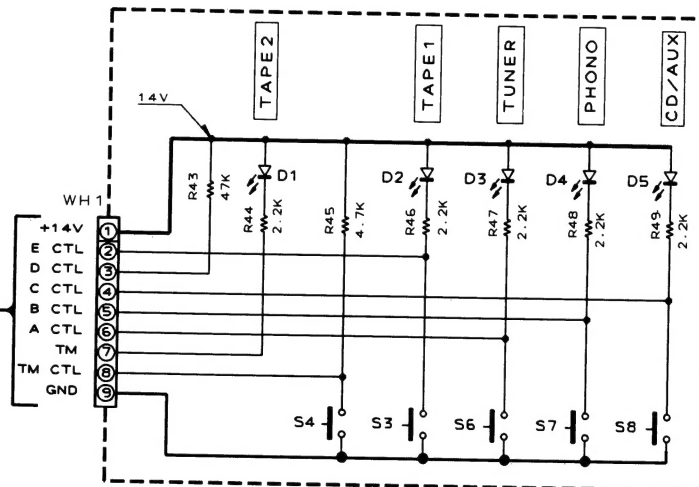


(X09-2862-73) (B/6)

IC1	LC7818	Q39	DTA124EN
IC2, 3	PC4570C-A	D29~32, 46	1SS133 or 1SS104
Q25, 26	2SC2878 (B)	D45	RD10ES (B)
Q30	2SA733 (A) (QP)		or HZ510N (B)
	or 2SA933 (QR)		

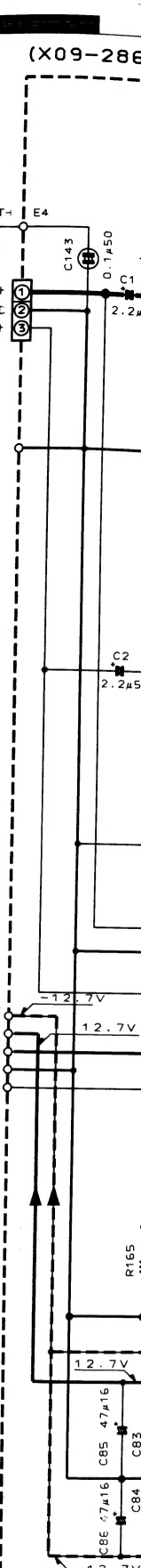


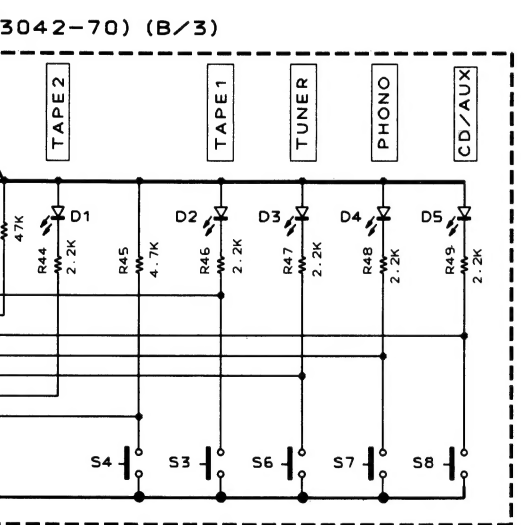
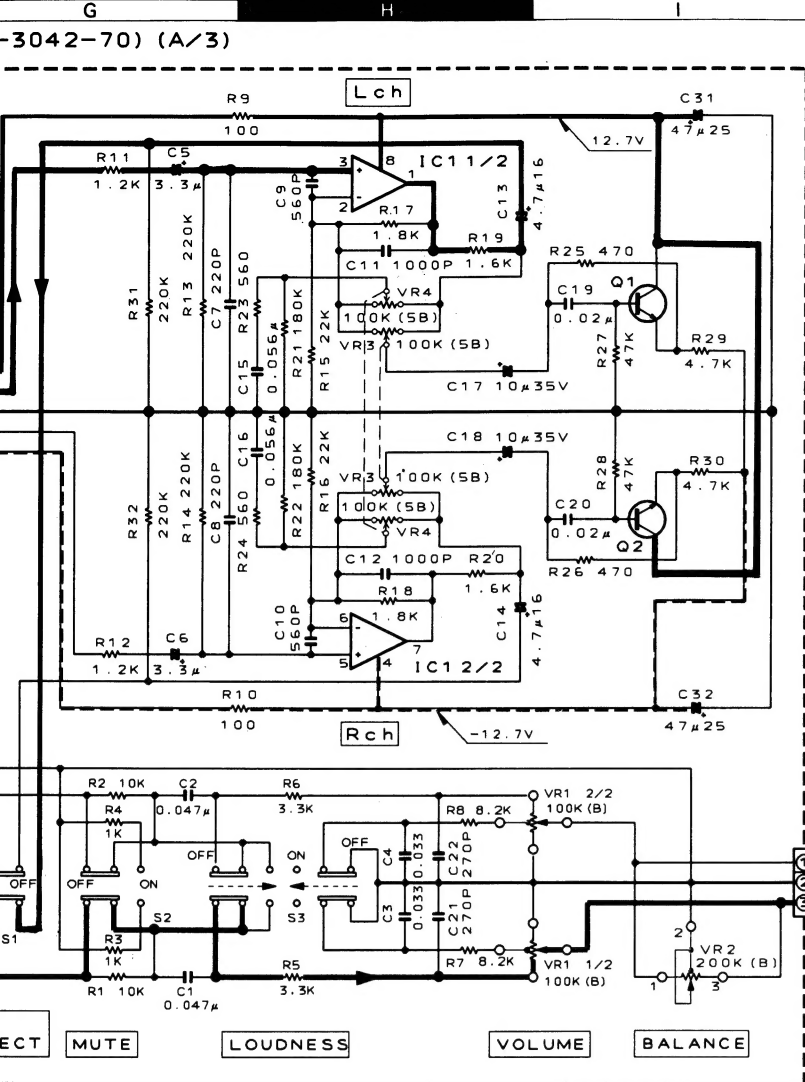
(X11-3042-70) (B/3)



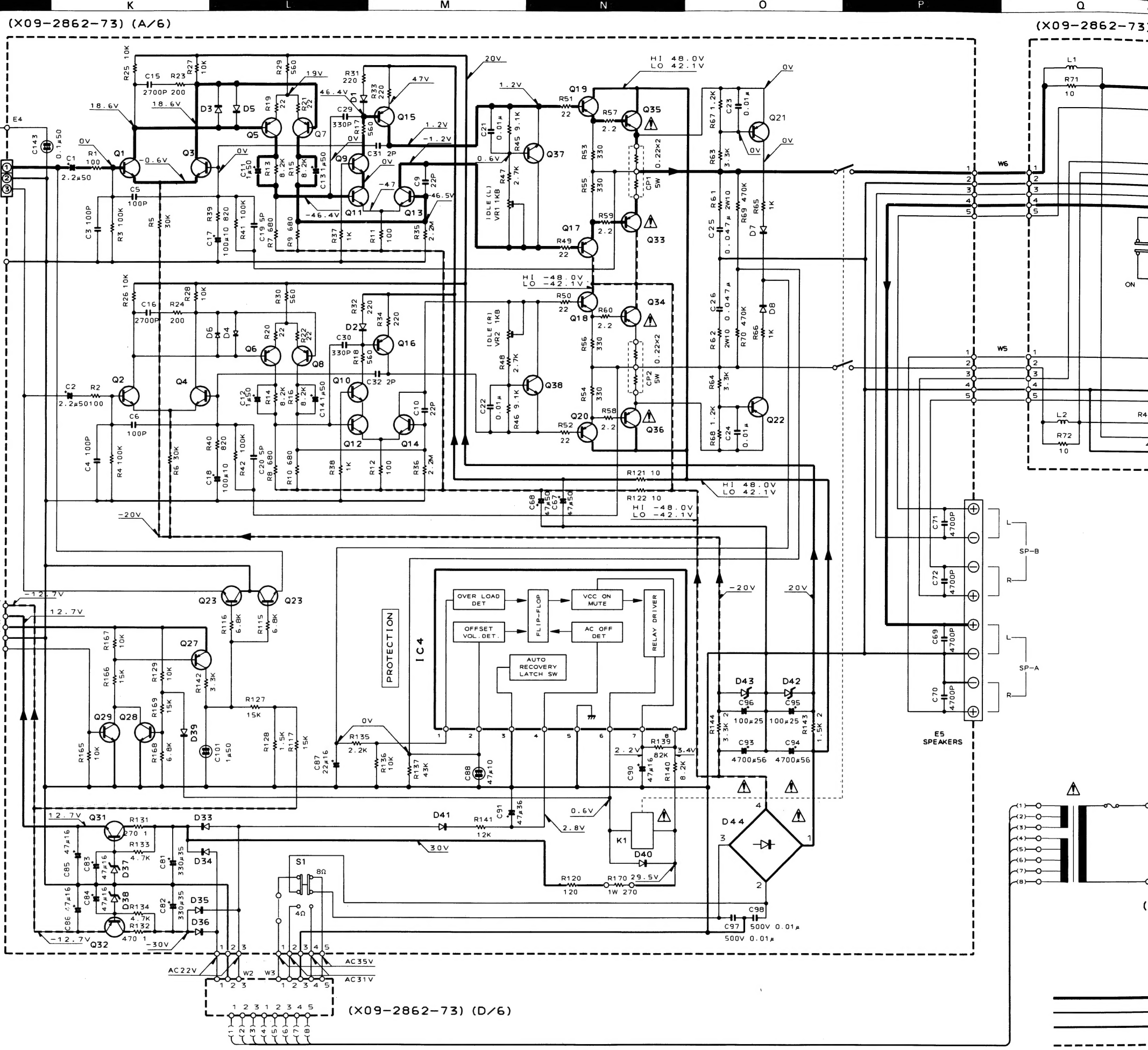
(X09-2862-73) (A/6)

IC4	PC1237HA	Q32	2SA954 (L, K)
Q1~4	2SC1845 (F, E)	Q33, 34	2SA1694-5
Q5~8, 21, 22, 27	2SA733 (A) (QP)	Q35, 36	2SC4467-5
	or 2SA933 (QR)	Q37, 38	2SC4137 (V, W)
Q9~4	2SC2632 (Q, R, S)	D1~8, 39, 40	1SS133 or 1SS104
Q15, 16	2SA1124 (Q, R, S)	D33~36, 41	S5566B
Q17, 18	2SA1284 (D, E)	D37, 38	RD13ES (B2)
Q19, 20	2SC3244 (D, E)		or HZ513N (B)
Q23, 24	2SC2878 (B)	D42, 43	RD20ES (B)
Q28, 29	2SC945 (A) (QP)		or HZ520N (B)
	or 2SC1740S (QR)	D44	RBV-402LFA
Q31	2SD882		or D3SBA20F03



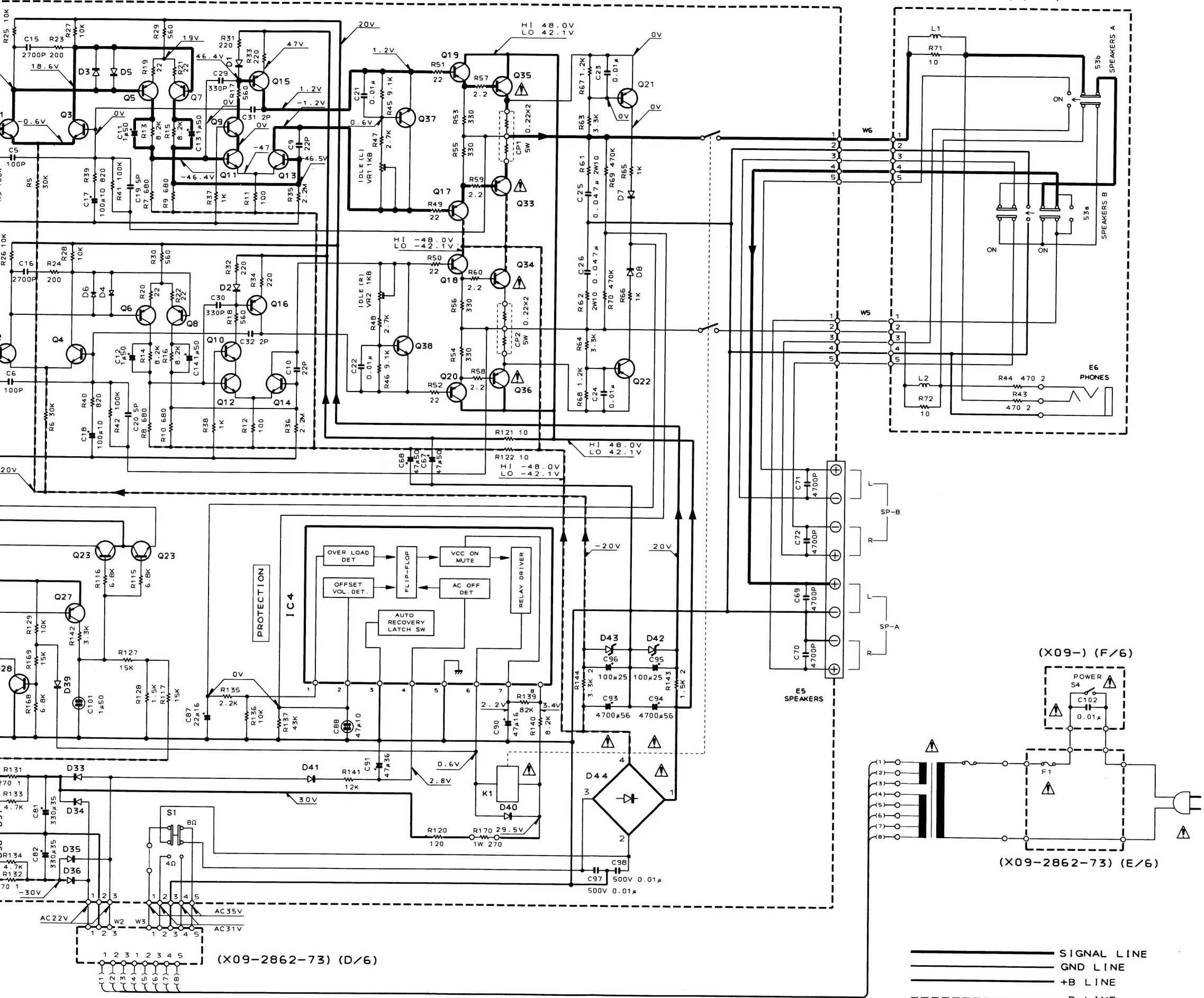


- 3) (A/6)**
- |                   |              |                  |
|-------------------|--------------|------------------|
| μPC1237HA         | Q32          | 2SA954 (L, K)    |
| 2SC1845 (F, E)    | Q33, 34      | 2SA1694-5        |
| 2SA733 (A) (QP)   | Q35, 36      | 2SC4467-5        |
| or 2SA933 (QR)    | Q37, 38      | 2SC4137 (V, W)   |
| 2SC2632 (Q, R, S) | D1~8, 39, 40 | 1SS133 or 1SS104 |
| 2SA1124 (Q, R, S) | D33~36, 41   | S5566B           |
| 2SA1284 (D, E)    | D37, 38      | RD13ES (B2)      |
| 2SC3244 (D, E)    | D42, 43      | or HZS13N (B)    |
| 2SC2878 (B)       | D44          | RD20ES (B)       |
| 2SC945 (A) (QP)   |              | or HZS20N (B)    |
| or 2SC1740S (QR)  |              | RBV-402LFA       |
| 2SD882            |              | or D3SBA20F03    |

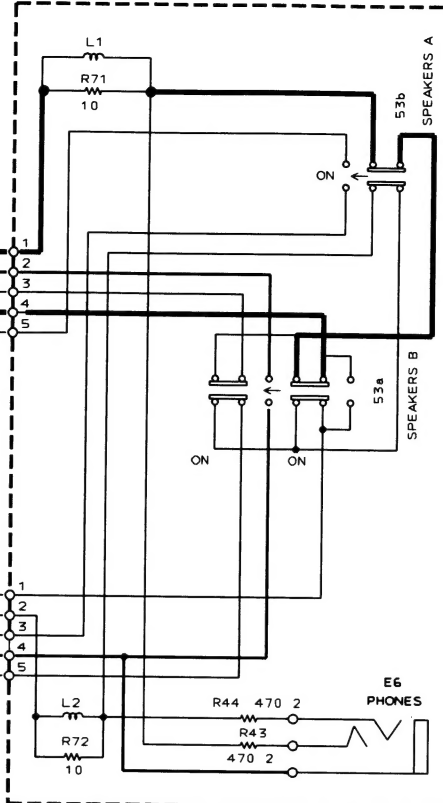




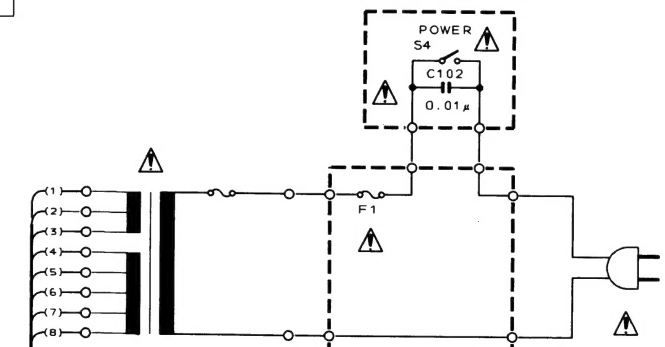
(A/6)



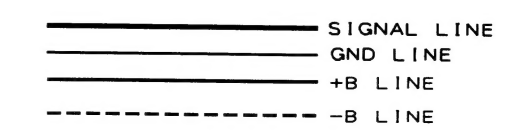
(X09-2862-73) (C/6)



(X09-) (F/6)



(X09-2862-73) (E/6)



- |           |            |
|-----------|------------|
| DTA124EN  | 2SC4137    |
| 2SA1124   | NJM4565D-D |
| 2SA1284   | RC4565D-D  |
| 2SA733(A) | UPC4570C-A |
| 2SA954    | UPC1237HA  |
| 2SC1845   | LC7818     |
| 2SC2632   |            |
| 2SC2878   |            |
| 2SC3244   |            |
| 2SC945(A) |            |
| 2SD882    |            |
| 2SA1694*5 |            |
| 2SC4467*5 |            |
| 2SA933S   |            |
| 2SC1740S  |            |
| 2SC2458   |            |

**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

**KA-1030**  
**KENWOOD**

Y08-4332-70

## EXPLODED VIEW (MECHANISM)

## PARTS LIST

× New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向	Re- marks 備考
KA-1030						
601 602	1A 2A	* *	A01-1913-01 A60-0025-02	METALLIC CABINET PANEL	X E  T E  E X T	
607 608 609 - -	2A 2A, 2B 2A - -	* * - - -	B01-0480-01 B03-2693-04 B43-0287-04 B46-0096-23 B46-0122-13	PANEL ESCUTCHEON DRESSING PLATE KENWOOD BADGE WARRANTY CARD WARRANTY CARD		
- - -	- - -	- * *	B46-0143-13 B60-0347-00 B60-0348-00	WARRANTY CARD INSTRUCTION MANUAL (ENGLISH) INSTRUCTION MANUAL (F,G,D,I)		
611 611 611	1C 1C 1C	- - -	E30-0459-05 E30-1341-05 E30-1416-05	AC POWER CORD AC POWER CORD AC POWER CORD		
F1	1B	-	F05-1623-05	FUSE (SEMKO) (250V T1.6A)		
613 - - - -	2A - - - -	- * * - -	G11-0155-14 H50-0021-04 H10-3847-12 H10-3848-12 H25-0223-04 H25-0232-04	SOFT TAPE (40X9X2) ITEM CARTON CASE POLYSTYRENE FOAMED FIXTURE POLYSTYRENE FOAMED FIXTURE PROTECTION BAG (750X350X0.03) PROTECTION BAG (235X350X0.03)		
615 616 -	2B, 2C 1C -	- - -	J02-1034-05 J42-0083-05 J61-0307-05	FOOT POWER CORD BUSHING WIRE BAND		
620 621 622 623 624	1A, 2A 2A 2B 2A 2A	- - - - *	K27-2004-04 K27-2014-04 K27-2017-04 K29-3909-04 K29-4107-04	KNOB POWER KNOB SPEAKERS KNOB LOUDNESS, MUTING, CD DIRECT KNOB BALANCE, BASS, TREBLE KNOB VOLUME		
630 630	2B, 2C 2B, 2C	* *	L07-0265-05 L07-0266-05	POWER TRANSFORMER POWER TRANSFORMER		
635 A C E F  G H  Q33, 34 Q35, 36 Q37, 38	1C 1C 1A, 2B 1B 1A, 2B  1B, 2C 1B  - - -	- - - - -  - - -	N08-0128-35 N09-0333-05 N30-3006-46 N87-3006-46 N89-3008-45  N89-3008-46 N89-4006-46  2SA1694*5 2SC4467*5 2SC4137(V, W)	BINDING POST (EARTH) TAPPING SCREW (3X12) PAN HEAD MACHIN SCREW BRAZIER HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW  BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW  TRANSISTOR TRANSISTOR TRANSISTOR		
AUDIO UNIT (X09-2862-73)						
C1 ,2 C3 -6 C9 ,10 C11 -14 C15 ,16  C17 ,18 C19 ,20 C21 ,22	- - - - -  - - -	- - - - -  - - -	CE04LW1H2R2M CC45FSL1H101J CC45FSL1H220J CE04LW1H010M CF92FV1H272J  CE04LW1A101M CC45FSL1H050C CK45FF1H103Z	ELECTRO CERAMIC CERAMIC ELECTRO MF  ELECTRO CERAMIC CERAMIC	2.2UF 100PF 22PF 1.0UF 2700PF  100UF 5.0PF 0.010UF	50WV J J 50WV J  10WV C Z

E: Scandinavia &amp; Europe K: USA P: Canada W: Europe

Y: PX(Far East, Hawaii) T: England M: Other Areas

Y: AAFES(Europe) X: Australia

Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

not supplied.  
ans le Parts No. ne sont pas fournis.  
cht geliefert.

Parts No. 部 品 番 号	Description 部 品 名 / 規 格	Desti- nation 仕 向	Re- marks 備考
KA-1030			
A01-1913-01 A60-0025-02	METALLIC CABINET PANEL		
B01-0480-01 B03-2693-04 B43-0287-04 B46-0096-23 B46-0122-13	PANEL ESCUTCHEON DRESSING PLATE KENWOOD BADGE WARRANTY CARD WARRANTY CARD	X E	
B46-0143-13 B60-0347-00 B60-0348-00	WARRANTY CARD INSTRUCTION MANUAL (ENGLISH) INSTRUCTION MANUAL (F,G,D,I)	T E	
E30-0459-05 E30-1341-05 E30-1416-05	AC POWER CORD AC POWER CORD AC POWER CORD	E X T	
F05-1623-05	FUSE (SEMKO) (250V T1.6A)		
G11-0155-14	SOFT TAPE (40X9X2)		
H50-0021-04 H10-3847-12 H10-3848-12 H25-0223-04 H25-0232-04	ITEM CARTON CASE POLYSTYRENE FOAMED FIXTURE POLYSTYRENE FOAMED FIXTURE PROTECTION BAG (750X350X0.03) PROTECTION BAG (235X350X0.03)		
J02-1034-05 J42-0083-05 J61-0307-05	FOOT POWER CORD BUSHING WIRE BAND		
K27-2004-04 K27-2014-04 K27-2017-04 K29-3909-04 K29-4107-04	KNOB POWER KNOB SPEAKERS KNOB LOUDNESS,MUTING,CD DIRECT KNOB BALANCE,BASS,TREBLE KNOB VOLUME		
L07-0265-05 L07-0266-05	POWER TRANSFORMER POWER TRANSFORMER	E TX	
N08-0128-35 N09-0333-05 N30-3006-46 N87-3006-46 N89-3008-45	BINDING POST (EARTH) TAPPING SCREW (3X12) PAN HEAD MACHIN SCREW BRAZIER HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW		
N89-3008-46 N89-4006-46	BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW		
2SA1694*5 2SC4467*5 2SC4137(V,W)	TRANSISTOR TRANSISTOR TRANSISTOR		
AUDIO UNIT (X09-2862-73)			
CE04LW1H2R2M CC45FSL1H101J CC45FSL1H220J CE04LW1H010M CF92FV1H272J	ELECTRO 2.2UF 50WV CERAMIC 100PF J CERAMIC 22PF J ELECTRO 1.0UF 50WV MF 2700PF J		
CE04LW1A101M CC45FSL1H050C CK45FF1H103Z	ELECTRO 100UF 10WV CERAMIC 5.0PF C CERAMIC 0.010UF Z		

P: Canada W:Europe

nd M: Other Areas  
alia

PARTS LIST

× New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnes dans le Parts No. ne sont pas fournis.  
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位 置	New Parts 新	Parts No. 部 品 番 号	Description 部 品 名 / 規 格	Desti- nation 仕 向	Re- marks 備考
C23 ,24 C25 ,26 C29 ,30 C31 ,32 C33 ,34			CF92FV1H103J CF92FV1H473J CC45FSL1H331J CC45FSL1H020C CE04LW1C220M	MF 0.010UF J MF 0.047UF J CERAMIC 330PF J CERAMIC 2.0PF C ELECTRO 22UF 16WV		
C35 ,36 C37 ,38 C39 ,40 C41 ,42 C43 ,44			CE04LW1V100M CC45FSL1H221J CE04LW1A101M CF92FV1H123J CF92FV1H332J	ELECTRO 10UF 35WV CERAMIC 220PF J ELECTRO 100UF 10WV MF 0.012UF J MF 3300PF J		
C45 ,46 C47 ,48 C49 ,50 C51 -62 C63 ,64			CE04LW1V100M CK45FB1H561K C91-0745-05 C91-0749-05 CE04LW1V4R7M	ELECTRO 10UF 35WV CERAMIC 560PF K CERAMIC 100PF K CERAMIC 220PF K ELECTRO 4.7UF 35WV		
C65 ,66 C67 ,68 C69 -72 C81 ,82 C83 -86			CF92FV1H154J CE04LW1H470M CF92FV1H472J CE04LW1V331M CE04LW1C470M	MF 0.15UF J ELECTRO 47UF 50WV MF 4700PF J ELECTRO 330UF 35WV ELECTRO 47UF 16WV		
C87 C88 C90 C91 C93 ,94		*	CE04LW1C220M C90-1334-05 CE04LW1C470M CE04LW1V4R7M C90-1933-05	ELECTRO 22UF 16WV NP-ELEC 47UF 10WV ELECTRO 47UF 16WV ELECTRO 4.7UF 35WV ALMINIUM ELECTROLYTIC C.		
C95 ,96 C97 ,98 C99 C100 C101			CE04LW1E101M CK45FE2H103P C91-0769-05 C90-1331-05 C90-1349-05	ELECTRO 100UF 25WV CERAMIC 0.010UF P CERAMIC 0.01UF K NP-ELEC 0.47UF 50WV NP-ELEC 1UF 50WV		
C102 C105 C106 C107 C108			C91-0647-05 CE04LW1V100M CK45FF1H223Z CF92FV1H103J CE04LW1V4R7M	CERAMIC 0.01UF P ELECTRO 10UF 35WV CERAMIC 0.022UF Z MF 0.010UF J ELECTRO 4.7UF 35WV		
C109 C110 C143			CK45FF1H223Z C90-1256-05 C90-1455-05	CERAMIC 0.022UF Z ELECTRO 1000UF 16WV NP-ELEC 0.1UF 50WV		
E1 E2 E3 E5 E6			E13-0250-05 E13-0486-05 E13-0826-05 E20-0823-05 E11-0189-05	PHONE JACK PHONE PHONE JACK TUNER,CD/AUX PHONE JACK TAPE-1/2 LOCK TERMINAL BOARD SPEAKERS PHONE JACK HEAD PHONE		
640	1B		J13-0054-05	FUSE CLIP		
L1 ,2			L39-0085-05	PHASE-COMPENSATION COIL		
CP1 ,2 R11 ,12 R31 -34 R41 ,42 R43 ,44			R90-0187-05 RD14GB2E101J RD14GB2E221J RN14BK2C1003F RS14KB3D471J	MULTI-COMP 0.22X2 K 5W FL-PROOF RD 100 J 1/4W FL-PROOF RD 220 J 1/4W RN 100K F 1/6W FL-PROOF RS 470 J 2W		
R49 -52 R53 -56 R57 -60			RD14GB2E220J RD14GB2E331J RD14GB2E2R2J	FL-PROOF RD 22 J 1/4W FL-PROOF RD 330 J 1/4W FL-PROOF RD 2.2 J 1/4W		

E: Scandinavia & Europe K: USA P: Canada W:Europe

Y: PX(Far East, Hawaii) T: England M: Other Areas

Y: AAFES(Europe) X: Australia

KA-1030

KA-1030

× New Parts  
Parts without Parts No. are not supplied.  
Les articles non mentionnes dans le Parts No. r  
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位 置	New Parts 新	Parts N 部 品 番
R61 ,62 R71 ,72 R120 R121,122 R131			RS14KB3D10 RD14GB2E10 RD14GB2E12 RD14GB2E10 RS14KB3A27
R132 R133,134 R143 R144 R170			RS14KB3A47 RD14GB2E47 RS14KB3D15 RS14KB3D33 RS14KB3A27
VR1 ,2			R12-1083-0
K1 S1 S3 S4			S51-2078-0 S31-2136-0 S42-2153-0 S40-1073-0
D1 -8 D29 -32 D33 -36 D37 ,38			HSS104 1SS133 1SS133 S55668 HZS13N(B2)
D37 ,38 D39 ,40 D41 D42 ,43 D42 ,43			RD13ES(B2) 1SS133 S55668 HZS20N(B) RD20ES(B)
D44 D45 D45 D46 IC1			RBV-402LFA HZS13N(B) RD10ES(B) 1SS133 LC7818
IC2 ,3 IC4 Q1 -4 Q5 -8 Q5 -8			UPC4570C-A UPC1237HA 2SC1845(F,E) 2SA733(A)(Q) 2SA933S(Q,R)
Q9 -14 Q15 ,16 Q17 ,18 Q19 ,20 Q21 ,22			2SC2632(Q,R) 2SA1124(Q,R) 2SA1284(D,E) 2SC3244(D,E) 2SA733(A)(Q)
Q21 ,22 Q23 -26 Q27 Q27 Q28 ,29			2SA933S(Q,R) 2SC2878(B) 2SA733(A)(Q) 2SA933S(Q,R) 2SC1740S(Q,R)
Q28 ,29 Q30 Q30 Q31 Q32			2SC945(A)(Q) 2SA733(A)(Q) 2SA933S(Q,R) 2SD882 2SA954(L,K)
Q39			DTA124EN
TONE U			
D1 -5			B30-1291-05

E: Scandinavia & Europe K: USA P: Canada

Y: PX(Far East, Hawaii) T: England M: Other Areas

Y: AAFES(Europe) X: Australia



# PARTS LIST

× New Parts

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Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向	Re- marks 備考
C23 ,24 C25 ,26 C29 ,30 C31 ,32 C33 ,34			CF92FV1H103J CF92FV1H473J CC45FSL1H331J CC45FSL1H020C CE04LW1C220M	MF 0.010UF J MF 0.047UF J CERAMIC 330PF J CERAMIC 2.0PF C ELECTRO 22UF 16WV		
C35 ,36 C37 ,38 C39 ,40 C41 ,42 C43 ,44			CE04LW1V100M CC45FSL1H221J CE04LW1A101M CF92FV1H123J CF92FV1H332J	ELECTRO 10UF 35WV CERAMIC 220PF J ELECTRO 100UF 10WV MF 0.012UF J MF 3300PF J		
C45 ,46 C47 ,48 C49 ,50 C51 -62 C63 ,64			CE04LW1V100M CK45FB1H561K C91-0745-05 C91-0749-05 CE04LW1V4R7M	ELECTRO 10UF 35WV CERAMIC 560PF K CERAMIC 100PF K CERAMIC 220PF K ELECTRO 4.7UF 35WV		
C65 ,66 C67 ,68 C69 -72 C81 ,82 C83 -86			CF92FV1H154J CE04LW1H470M CF92FV1H472J CE04LW1V331M CE04LW1C470M	MF 0.15UF J ELECTRO 47UF 50WV MF 4700PF J ELECTRO 330UF 35WV ELECTRO 47UF 16WV		
C87 C88 C90 C91 C93 ,94		*	CE04LW1C220M C90-1334-05 CE04LW1C470M CE04LW1V4R7M C90-1933-05	ELECTRO 22UF 16WV NP-ELEC 47UF 10WV ELECTRO 47UF 16WV ELECTRO 4.7UF 35WV ALMINIUM ELECTROLYTIC C.		
C95 ,96 C97 ,98 C99 C100 C101			CE04LW1E101M CK45FE2H103P C91-0769-05 C90-1331-05 C90-1349-05	ELECTRO 100UF 25WV CERAMIC 0.010UF P CERAMIC 0.01UF K NP-ELEC 0.47UF 50WV NP-ELEC 1UF 50WV		
C102 C105 C106 C107 C108			C91-0647-05 CE04LW1V100M CK45FF1H223Z CF92FV1H103J CE04LW1V4R7M	CERAMIC 0.01UF P ELECTRO 10UF 35WV CERAMIC 0.022UF Z MF 0.010UF J ELECTRO 4.7UF 35WV		
C109 C110 C143			CK45FF1H223Z C90-1256-05 C90-1455-05	CERAMIC 0.022UF Z ELECTRO 1000UF 16WV NP-ELEC 0.1UF 50WV		
E1 E2 E3 E5 E6			E13-0250-05 E13-0486-05 E13-0826-05 E20-0823-05 E11-0189-05	PHONE JACK PHONE PHONE JACK TUNER,CD/AUX PHONE JACK TAPE-1/2 LOCK TERMINAL BOARD SPEAKERS PHONE JACK HEAD PHONE		
640	1B		J13-0054-05	FUSE CLIP		
L1 ,2			L39-0085-05	PHASE-COMPENSATION COIL		
CP1 ,2 R11 ,12 R31 -34 R41 ,42 R43 ,44			R90-0187-05 RD14GB2E101J RD14GB2E221J RN14BK2C1003F RS14KB3D471J	MULTI-COMP 0.22X2 K 5W FL-PROOF RD 100 J 1/4W FL-PROOF RD 220 J 1/4W RN 100K F 1/6W FL-PROOF RS 470 J 2W		
R49 -52 R53 -56 R57 -60			RD14GB2E220J RD14GB2E331J RD14GB2E2R2J	FL-PROOF RD 22 J 1/4W FL-PROOF RD 330 J 1/4W FL-PROOF RD 2.2 J 1/4W		

E: Scandinavia & Europe K: USA P: Canada W:Europe

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R61 ,62 R71 ,72 R120 R121,122 R131			RS14KB3D100J RD14GB2E100J RD14GB2E121J RD14GB2E100J RS14KB3A271J	FL-PROOF RS 10 J 2W FL-PROOF RD 10 J 1/4W FL-PROOF RD 120 J 1/4W FL-PROOF RD 10 J 1/4W FL-PROOF RS 270 J 1W		
R132 R133,134 R143 R144 R170			RS14KB3A471J RD14GB2E472J RS14KB3D152J RS14KB3D332J RS14KB3A271J	FL-PROOF RS 470 J 1W FL-PROOF RD 4.7K J 1/4W FL-PROOF RS 1.5K J 2W FL-PROOF RS 3.3K J 2W FL-PROOF RS 270 J 1W		
VR1 ,2			R12-1083-05	TRIM POT. 1K		
K1 S1 S3 S4			S51-2078-05 S31-2136-05 S42-2153-05 S40-1073-05	MAGNETIC RELAY SLIDE SWITCH IMPEDANCE SELECT MULTIPLE PUSH SWITCH SPEAKERS PUSH SWITCH POWER		
D1 -8 D29 -32 D33 -36 D37 ,38			HSS104 1SS133 1SS133 S5566B HZS13N(B2)	DIODE DIODE DIODE DIODE ZENER DIODE		
D37 ,38 D39 ,40 D41 D42 ,43 D42 ,43			RD13ES(B2) 1SS133 S5566B HZS20N(B) RD20ES(B)	ZENER DIODE DIODE DIODE ZENER DIODE ZENER DIODE		
D44 D45 D45 D46 IC1			RBV-402LFA HZS13N(B) RD10ES(B) 1SS133 LC7818	DIODE ZENER DIODE ZENER DIODE DIODE IC(ELECTRO CONTROL SWITCH (2H)		
IC2 ,3 IC4 Q1 -4 Q5 -8 Q5 -8			UPC4570C-A UPC1237HA 2SC1845(F,E) 2SA733(A)(Q,P) 2SA933S(Q,R)	IC IC(POWER AMP) TRANSISTOR TRANSISTOR TRANSISTOR		
Q9 -14 Q15 ,16 Q17 ,18 Q19 ,20 Q21 ,22			2SC2632(Q,R,S) 2SA1124(Q,R,S) 2SA1284(D,E) 2SC3244(D,E) 2SA733(A)(Q,P)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
Q21 ,22 Q23 -26 Q27 Q27 Q28 ,29			2SA933S(Q,R) 2SC2878(B) 2SA733(A)(Q,P) 2SA933S(Q,R) 2SC1740S(Q,R)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
Q28 ,29 Q30 Q30 Q31 Q32			2SC945(A)(Q,P) 2SA733(A)(Q,P) 2SA933S(Q,R) 2SD882 2SA954(L,K)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
Q39			DTA124EN	DIGITAL TRANSISTOR		
TONE UNIT (X11-3042-70)						
D1 -5			B30-1291-05	LED(LN21CPSLX(V)-(TA4))		

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C1 ,2 C3 ,4 C5 ,6 C7 ,8 C9 ,10			CF92FV1H473J CF92FV1H333J CE04LW1H3R3M CC45FSL1H221J CK45FB1H561K	MF 0.047UF J MF 0.033UF J ELECTRO 3.3UF 50WV CERAMIC 220PF J CERAMIC 560PF K		
C11 ,12 C13 ,14 C15 ,16 C17 ,18 C19 ,20			CK45FB1H102K CE04JW1C4R7M CF92FV1H563J CE04JW1V100M CF92FV1H203J	CERAMIC 1000PF K ELECTRO 4.7UF 16WV MF 0.056UF J ELECTRO 10UF 35WV MF 0.020UF J		
C21 ,22 C31 ,32			CC45FSL1H271J CE04LW1E470M	CERAMIC 270PF J ELECTRO 47UF 25WV		
R9 ,10 VR1 VR2 VR3 ,4			RD14GB2E101J R06-5176-05 R01-5075-05 R06-5199-05	FL-PROOF RD 100 J 1/4W POTENTIOMETER VOLUME POTENTIOMETER VALANCE POTENTIOMETER BASS TREBLE		
S1 ,2 S3 S4 -8			S40-2351-05 S40-4074-05 S40-1064-05	PUSH SWITCH CD DIRECT,MUTE PUSH SWITCH LOUDNESS PUSH SWITCH KEY BOARD		
IC1 IC1 Q1 ,2 Q1 ,2		*	NJM4565D-D RC4565D-D 2SC1740S(Q,R) 2SC2458(Y,GR)	IC(OP AMP X2) IC(OP AMP X2) TRANSISTOR TRANSISTOR		

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Y : AAFES(Europe) X: Australia

 indicates safety critical components.

# KA-1030

## SPECIFICATIONS

### Audio Section

#### Rated Power Output

Maximum continuous output power  
(IEC) from 63 Hz to 12,500 Hz 0.7%  
T.H.D.at 8 Ω.....65 W + 65 W  
(DIN) 1,000 Hz at 8 Ω.....65 W + 65 W  
at 4 Ω.....70 W + 70 W

#### Total Harmonic Distortion

(20 Hz to 20,000 Hz) .....0.03% at rated power into 8 Ω

#### Intermodulation Distortion

(60 Hz:7kHz = 4:1).....0.03% at rated power into 8 Ω

Damping factor .....40 (50 Hz at 8 Ω)

Frequency Response.....10 Hz to 60 kHz, +0 dB, -3 dB

#### Input Sensitivity/Impedance

Phono .....2.5 mV/47 kΩ  
Tuner/Tape /CD .....150 mV/27 kΩ

#### Signal-to-noise Ratio (IHF-A)

Phono .....75 dB for 2.5 mV input  
Tuner/Tape/CD .....100 dB for 150 mV input

Phono Maximum Input Level.....100 mV, T.H.D. 0.05% at 1 kHz

#### Output Level/Impedance

Tape REC (Pin).....150 mV/330 Ω

Phono Frequency Response.....RIAA standard curve ±0.5 dB (20 Hz to 20,000 Hz)

#### Tone control

Bass .....±10 dB (at 100 Hz)  
Treble .....±10 dB (at 10 kHz)

Loudness Control .....+8 dB at 100 Hz (at -30 dB VOLUME Level)

### General

Power Consumption .....150 W

Dimensions .....W:440 mm  
H: 137 mm  
D: 280 mm

Weight (Net) .....6.7 kg (14.8 lb)

#### Note:

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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